

ASOCRYL-102

100% ACRYLIC QUICK DRY PAINT

Product Description:

ASOCRYL AC 102 is a 100% pure acrylic resin-based topcoat.

Recommended Uses:

Finishing coat for protection of steel and concrete in a variety of climatic conditions Exterior and interior application. Salt water resistant and unsaponifiable. Quick drying and may be used at low temperatures.

Technical Properties:

Color	: According to PATSA color card or as per RAL codes
Solids (vol %)	: 40 ± 2%
Flash point	: 37°C ± 2
Gloss: Medium	
Gloss retention	: Good
Water resistance	: Very good
Abrasion resistance	: Good
Solvent resistance	: Limited
Chemical resistance	: Good
Flexibility	: Good

Surface Preparation:

All surfaces should be clean, dry and free from contamination.

Coated surfaces:

Clean, dry and undamaged compatible primer. Contact your local PATSA office for more information.

Other surfaces:

The coating may be used on other substrates. Please contact PATSA office for more information.

Film Thickness and Spreading Rate:

Min 50 microns in two coats

Coverage @ 50 microns = 8 sq. mtr. per ltr.

Typical Paint System:

Acryoxide Primer 2 x coats

ASOCRYL AC 102 1 x 50 µm(dry Filmthickness)

Also used as finished coat on epoxy primers

Other systems may be specified, depending on area of use.

Application Methods:

Mixing ratio: Single pack.

Thinner/Cleaner: PATSA Thinner No. 7 Spray: Use airless spray

Guiding data for airless spray: Pressure at nozzle 15 MPa (150 kp/cm², 2100 psi)

Nozzle tip 0.46-0.66 mm (0.018-0.026")

Spray angle 40°-80°

Filter Check to ensure that filters are clean

Brush: Recommended for stripe coating and small areas, care must be taken to achieve the specified dry film thickness.

Roller: May be used. However, when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.



Application Data:

Thinning:

Brush and Roller 0– 5% Thinner # 7.

Air spray and Airless Spray 0– 10% Thinner # 7.

Cleaning:

Clean all tools and equipment immediately after use with Thinner # 7.

Safety Precautions:

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- Good ventilation (Outdoor exposure or free circulation of air).
- Typical film thickness.
- One coat on top of inert substrate.

Substrate

Temperature	: 5°C	10°C	23°C	40°C
Surface dry	: 60min	45min	20 min	10 min
Through dry	: 10 h	9 h	4 h	2 h
Dry to recoat, Minimum	: 5 h	4 h	2 h	1.5 h

Storage:

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well-ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling:

Handle with care. Stir well before use.

Packing Size:

5 liters and 20 liters.

Health and Safety:

Please observe the precautionary notices displayed on the container. Use under well-ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.